

**ABSTRACT**

A system and method for sensing ambient light. The system has a first sensor for measuring a first ambient light level and a second sensor for measuring a second ambient light level. A processor in communication with the first sensor and the second sensor is configured to determine a relative intensity change in the ambient light levels for each of the first and second sensors. The processor also determines an ambient stability probability in response to the relative intensity changes in order to generate first and second filtered ambient light levels which are used as ambient light measurements.